ANNUAL REPORT

On the working of the Indian Factories Act in the province of Bihar and Orissa

1934

BY

H. W. BRADY,

M.I. MECH.E., M.I. STRUCT.E., M.I.E.,

Chief Inspector of Factories,
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From

Mr. H. W. Brady,
Chief Inspector of Factories,
Bihar and Orissa,

To

The Secretary to the Government of
Bihar and Orissa, Revenue Department

Dated Ranchi, the 31st March / 21st June 1935.

Sir,

I have the honour to submit my report on the working of the Indian Factories Act in the province of Bihar and Orissa for the year ending 31st December 1934.

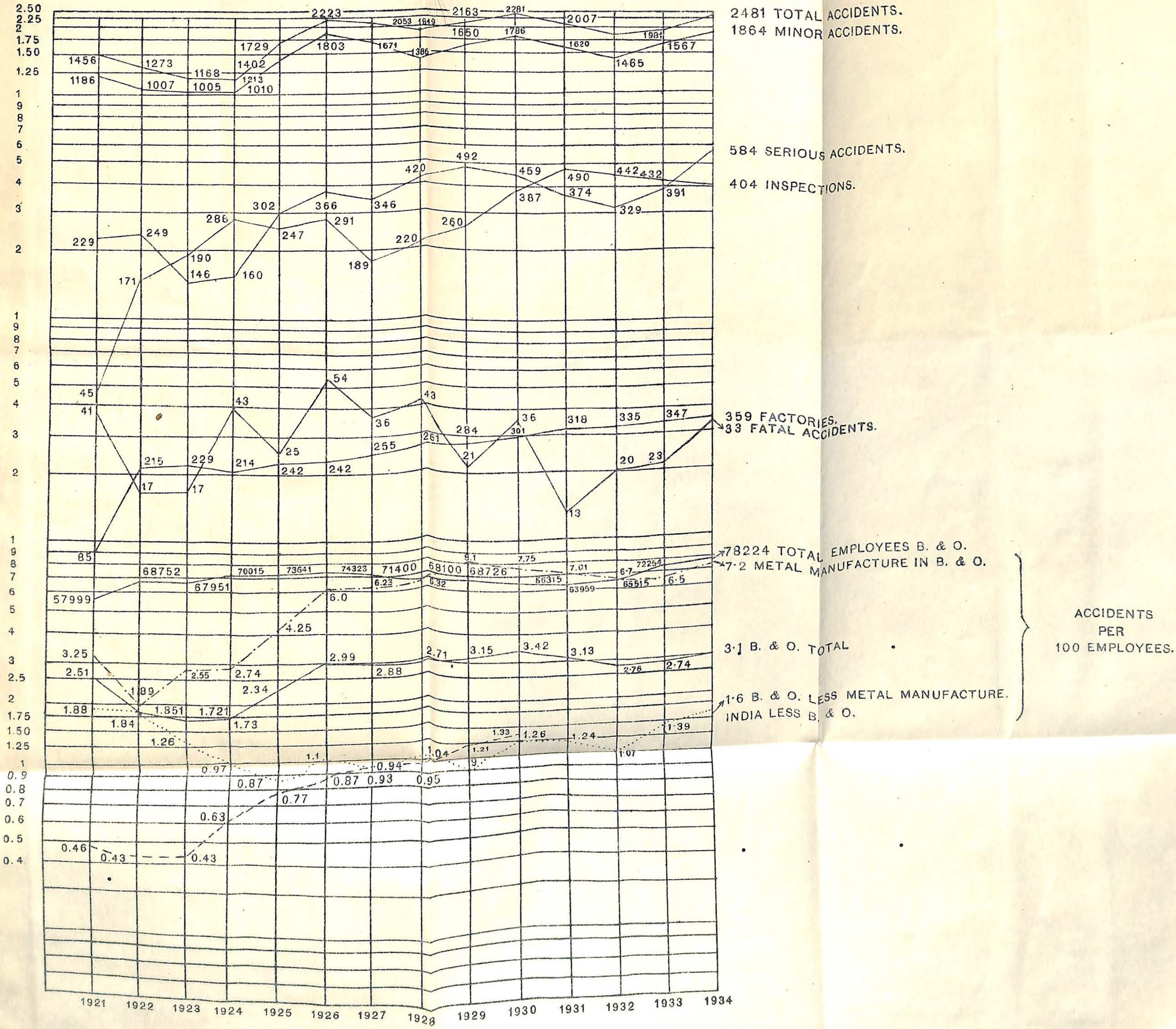
I have the honour to be,

Sir,

Your most obedient servant,

H. W. BRADY,

Chief Inspector of Factories,
Bihar and Orissa.



FACTORY STATISTICS FOR BIHAR & ORISSA

1921 - 1934

ANNUAL REPORT
ON THE YEAR 1934.

I.—Factories and their inspection.

The number of factories on the register at the beginning of the year was 347; and twenty-three factories as detailed below were taken on the register during the year. As in the previous two years sugar factories formed the majority of the new registrations : of these nine work with vacuum pans turning out white sugar, and the remaining three are small plants with open pans. The majority of the sugar factories began operation about the middle of the 1933-34 crushing season. The factories registered during the year were :—

Railway Workshops	2
Sugar	12
Rice	3
Saw Mill	1
Flour Mill	2
Engineering	1
Jute Press	1
Tea Factory	1
	23

2. Eleven factories were removed from the register during the year, leaving on balance 359 factories at the end of the year. Of the factories removed three were totally dismantled and their machinery disposed of ; seven ceased to work as factories ; and one employed much less than the qualifying number of persons. The eleven factories were :—

Oil	2
Rice	2
Railway Workshop	1
Flour	1
Leather Goods	1
Motor Repairing	2
Lime	1
Indigo	1
	11

Of the 359 factories on the register, 52 remained closed throughout the year. Of the 307 working factories, 250 are perennial and 57 seasonal. The 52 factories which remained closed were :—

Rice	17
Oil	5
Flour	2
Printing	1
Sugar	3
Cotton Gin	1
Indigo	11
Saw Mill	1
Jute Press	2
Sulphuric Acid	1
Matches	1
Fibre Extraction	1
Lac	3
Firebrick	1
Engineering	1
Lime	1
Total	52

The number of factories which remained closed was only 6 less than in 1933.

3. The number of persons employed during the year was 78,224 against 72,254 in 1933. The increase of 5,970 persons lay mainly in the sugar factories, but some other industries show increases. The most important changes were :—

Number of persons employed.

	1933.	1934.		
Jute-Spinning ...	2,142	2,474	i. e.	+332
General Engineering ...	2,188	3,173	,,	+985
Copper Smelting ...	1,100	1,336	,,	+236
Iron Smelting ...	19,041	20,237	,,	+196
Foundries ...	544	1,437	,,	+893
Tobacco	3,114	1,363	,,	—1,751
Brick and Tiles ...	2,016	2,310	,,	+294
Sugar	13,524	16,770	,,	+3,246
Lac	1,213	1,470	,,	+257
Lime	404	[illegible]	,,	[illegible]
[illegible]				

By districts the changes were :—

	1933.	1934.		
Patna	3,543	3,394	i. e.	—149
Gaya	687	986	,,	+299
Shahabad	2,487	2,130	,,	—357
Saran	4,105	5,151	,,	+1,046
Champaran	3,509	4,638	,,	+1,129
Muzaffarpur ...	2,392	1,784	,,	—608
Darbhanga	4,983	6,097	,,	+1,114
Monghyr	12,277	9,755	,,	—2,522
Purnea	1,786	2,902	,,	+1,116
Sambalpur	...	199	,,	+199
Palamau	356	703	,,	+347
Manbhum	7,215	8,304	,,	+1,089
Singhbhum	22,450	25,574	,,	+3,124

Inspections.

4. The number of factories inspected during the year was 283 (against 301 in 1933), and the total number of inspections made was 404 (as against 432 in 1933). The 404 inspections were made by —

	1934.	1933.
Regular Inspectors (2)	279	266
Local Inspectors (35)... ...	81	103
The *ex-officio* inspectors ...	26	52
Lady Inspector of Factories ...	18	11
Total ...	404	432

5. Of the 307 working factories, 40 remained uninspected, of which 38 were in the jurisdiction of Local Inspectors. The remaining 2 factories—one railway workshop and one sugar factory—were brought on the Register so near the close of the year that their inspection would have involved travelling expense for that sole purpose. The inspections made are as follows :—

Perennial Factories	347
Seasonal Factories	56
Unregistered Factories	1
Total ...	404

II.—Sanitation and water-supply.

6. Sanitation in the R-class factories remained in general as reported upon last year, and may be said to be on the whole satisfactory, except for the nuisance to persons outside the factory. This latter defect has now been made the subject of draught rules by the Public Health Department, to which it relates more than to the Factories Inspection Department. In a few cases factory drains and the factory compound were found in an unclean condition, upon which prompt orders were passed by the Inspector; Dr. (Miss) Singh, Lady Additional Inspector, has been most active and persistent in obtaining improvement in the sanitary accommodation provided for women.

III.—Ventilation and lighting.

7. Improvement in ventilation and lighting of factories has continued. Several factories were required to increase their natural lighting by means of sky lights. In the lead melting room of a small printing press where the atmosphere was found stuffy and probably injurious to the health of the employees, the manager was required to make adequate ventilating openings so as to allow of quicker extraction of the bad fumes. In some of the flour mills, due to the nature of construction of the buildings, the ground floors are dark and ill-lighted; as improvement in natural lighting is not possible the management have been required to provide adequate electric lighting. In some factories where a mechanical device for exhausting the dust was not feasible isolation of the dusty processes was effected.

IV.—Health of operatives.

8. The health of employees appears to have been normal. No epidemic was reported. As the proposal to appoint medical inspectors of factories (described in my report for 1933) appears to have been found impracticable, I would suggest that all workers in rice mills and other dusty industries, in the milling rooms and in type composing rooms, should be examined annually for not less than three years by the Civil Surgeon, with a view to discovering whether pulmonary or eye defects are caused by such work.

9. Dr. (Miss) Singh, Lady Additional Inspector of Factories, reports the presence of bronchitis and defective vision amongst women workers, and finds them generally in poor health. Some she has observed working in a very advanced stage of pregnancy. She does not report cases of small-pox, but makes a general suggestion that unvaccinated persons should be legally debarred from engagement in a factory.

V.—Wages.

10. As compared with 1933 there were no substantial changes in the rates of wages (Table X) current during the year.

VI.—Women and children.

11. The relative reduction in the number of women and children which has been recorded for some years reversed markedly in the year under report. The figures are :—

	1933.			1934.		
—	Perennial Factories.	Seasonal Factories.	Total.	Perennial Factories.	Seasonal Factories.	Total.
1	2	3	4	5	6	7
Women ...	4,891	156	5,047	5.393	147	5,540
Children ...	192	43	235	214	40	254
	5,083	199	5,282	5,607	187	5,794

VII.—Safety.

12. As in past years the fencing of dangerous machinery received strict attention. Several sugar factories were visited before they had started operation and precise instructions were issued as to what was required. Three factories were prosecuted for having unfenced machinery which caused accidents. Apart from damage to buildings and structures due to the earthquake, to attend which a special tour was made and advice and orders given for securing safety, several cases of structural defects or danger were noticed. In a small engineering concern in the colliery area the roof of the moulding shop was found in a dangerous condition and the use of the shop was prohibited pending reconstruction. In a newly constructed sugar factory an unbalanced heavy drive attached to the under part of a platform supporting heavy plant caused dangerous vibration, and the makers of the plant were requested by the management to remove the defect, which they did. Particular attention was paid to secure the observance of the rule requiring tight clothes for oilmen and others working near unfenced transmission machinery. The managements of several of the large factories co-operated by issuing tight clothes, but accidents continue to occur through failure of workers to realize the need for wearing them.

13. During the year 17 factories reported the formation of a Safety Committee, bringing the total of such factory committees in the province up to 30, representing about 10 per cent of the number of working factories, and not less than 30 per cent of the total number of operatives. While it must be admitted that some of the new committees may exist more on paper than in action, it is at least satisfactory that these additions to the number have been made without any importunity on the part of inspectors. The functioning of these committees is further remarked upon in paragraph 16, below.

VIII.—Accidents.

14. Of the fatal accidents, apart from those in metal manufacture, the sugar industry has contributed the largest share, the number being swollen by those occurring during reconstruction work consequent on the earthquake. In this industry three fatal accidents were in reconstruction work, six through rolling stock, four through working machinery and unfenced shafting, one through drowning, one through burns from hot juice and one from a falling object. Where unfenced machinery was the causing agent the managers of the factories concerned were prosecuted. The want of training of many of the hands employed by the new sugar factories may continue to operate as the primary causing agent of many of the accidents for several years to come.

IX.—Prosecution.

15. Proceedings were instituted against six factories for offences under the Act. The cases against two had to be dropped owing to the absconding of the managers. Six charges against four factories resulted in five convictions, and one case is still pending. The total of the fines imposed under the five convictions was Rs. 161, or an average of Rs. 32-3-0. This is a marked improvement on the preceding year, when the average fine was only Rs. 14-7-0.

X.—General.

A Manual for Safety Committees.

16. At the end of the year the circular—grown to a book of some 400 pages during its period of preparation—on safety, lighting and ventilation, was sent to press, and has since been issued *gratis* to all L-class factories, local inspectors, district magistrates and other persons needing rudimentary guidance in factory work. This undertaking began in response to the request made in September, 1931, by the Governing Body of the International

Labour Office, for the organization of safety services. The request was pointed with the suggestion of an intensive safety campaign in 1932, but as was pointed out in my report of that year, an easily obtainable manual on the conditions that make for safety in factories of the classes prevalent in this province is a necessary precedent for the success of any such campaign here. As adequate lighting and ventilation are essential items in these conditions the inclusion of these subjects in the manual was necessary, the law on both in India being too vague for the practical guidance of managers who wish to obtain safety with efficiency. The resultant book, "Mofussil Factories", while admittedly defective in many respects, does, it is hoped, provide managers and safety committees of small factories, with the information primarily required for the furtherance of these objects, and inspectors with the means—(pages 131 to 141 of Part I)—of reducing their labour in issuing of orders for the safeguarding of common machinery. The criticisms of the book received from managers have been favourable, and newspaper comment, so far as it has gone, sympathetic. Whatever usefulness the book may have would be greatly increased by translation into the vernaculars most prevalent in the province.

The book cancels all technical circulars issued by this office on the same subject matter.

Staff.

17. In my report for 1933 I observed that it was perhaps too soon to criticise the performance of Local Inspectors. This may be done now with certainty and brevity. Local Inspectors are a failure. The number of inspections made by Local Inspectors during the whole of the year under report was less than in the six months of their existence in the previous year—(81 as against 103), and the number of L-class factories uninspected rose from 12 to 38. It may be said, therefore, that the regular inspectors, though insufficient in number for the work required of them by the Act, do at least satisfy the principle of a minimum of one inspection a year for every factory; the Local Inspectors with an average of about 6 factories each, do not. From their lack of training, and their complete independence of the regular inspectors as a source of instruction, it is impossible that what their work lacks in quantity should be made up in quality. When this scheme for filling the void left by the removal of a regular inspector was proposed to me I noted two possible mitigations for what was otherwise an undesirable measure of economy—a reduction in the cost of travelling and the ability to undertake a greater number of prosecutions without dislocation of touring programmes. In eighteen months there

have been, so far as this office has been notified, no prosecutions by Local Inspectors, and any saving in travelling expense has clearly been at the cost of effective inspection.

18. It is a duty to reiterate, at this last opportunity, that factory inspection in the province cannot be what it ought to be, or what any commission on labour conditions would require, unless (1) the number of regular inspectors is increased, as repeatedly represented in these annual reports and (2) *ex-officio* inspectors are made directly subordinate to the Chief Inspector.

19. The notification of unfenced pressure vessels begun in 1932, during the employment of Mr. Samad, and referred to on page 29 of my report for that year was abandoned in the year now under report, as a consequence of the reduced number of inspectors. Unless the staff of the projected boiler inspectorate is to be equally meagre, it will probably be more satisfactory to place the technical inspection of pressure vessels with the boiler inspectors rather than with the factory inspectors.

20. Mr. H. M. Rai was absent on privilege leave from 1st of September to 23rd of December, 1934.

21. I have pleasure in recording excellent work on the part of every member of the staff. Miss Singh has been persistent and discreet in her efforts towards the welfare of women and children in the factories under her inspection.

The New Act and Rules.

22. Rules to give application to the Factories Act, 1934, in Bihar and Orissa, were draughted by me and submitted to Government for draught publication in November.

H. W. BRADY,

Chief Inspector of Factories, Bihar and Orissa.

TABLE NO. I.

(STATEMENT NO. I AS PRESCRIBED BY THE GOVERNMENT OF INDIA.)

TOTALS OF FACTORIES.

——	Perennial Total.	Seasonal Total.	Provincial Total.	Remarks.
1	2	3	4	5
Factories as defined in section 2 (3) (*a*) of the Act.	249	57	306	
Factories notified under section 2 (3)(*b*) of the Act.	1	...	1	
Total ...	250	57	307	
Total for 1933 ...	247	42	289	

TABLE NO. II.

(STATEMENT NO. II AS PRESCRIBED BY THE GOVERNMENT OF INDIA.)

ENUMERATION OF FACTORIES.

Industry.	Patna.	Gaya.	Shahabad.	Saran.	Champaran.	Muzaffarpur.	Darbhanga.	Bhagalpur.	Monghyr.	Purnea.	Santal Parganas.
1	2	3	4	5	6	7	8	9	10	11	12
1.—GOVERNMENT AND LOCAL FUND FACTORIES.											
(a) PERENNIAL.											
Cotton Mills	...	...	1	...	...	...	...	...	...	...	...
Electrical Engineering ...	...	1	...	...	...	...	1	...	1	...	...
Engineering (General) ...	1	...	1	...	...	1	...	...	...	...	...
Foundries	...	...	...	...	...	...	...	...	...	...	...
Printing Presses	2	1	...	...	...	...	...	...	...	...	...
Railway Workshops ...	2	1	...	...	...	...	...	...	3	...	...
Water pumping stations ...	...	...	...	...	...	1	...	1	...	...	...
Woollen Mills ...	...	...	...	...	...	...	...	1	...	...	...
Match Factory	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
Total ...	5	3	2	...	...	2	1	2	4	...	...
(b) Seasonal	...	...	...	...	...	...	...	...	...	...	...
Total ...	5	3	2	...	...	2	1	2	4	...	...
2.—ALL OTHER FACTORIES.											
(a) PERENNIAL.											
Textile:—											
Jute Spinning and Weaving ...	...	...	...	...	...	...	1	...	...	1	...
Hosiery	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	1	...	...	1	...
ENGINEERING.											
Coach building and motor car repairing.	...	...	...	...	...	1	...	...	...	...	...
Electrical Engineering ...	...	...	...	...	...	...	...	...	...	...	...
Electrical generating and transforming stations.	...	...	...	...	...	...	...	...	...	...	...
General Engineering ...	...	...	...	1	...	1	...	...	...	...	...
Railway Workshops ...	1	...	1	1	...	1	1	...	1	1	...
Shipbuilding and Engineering	1	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
Total ...	2	...	1	2	...	3	1	...	1	1	...
MINERALS AND METALS.											
Copper smelting	...	...	...	...	...	...	...	...	...	...	...
Foundries	2	...	...	...	...	...	...	1	...	...	...
Iron and Steel smelting and steel rolling Mills.	...	...	...	...	...	...	...	...	...	...	...
Mica Factory	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	1
Total ...	2	...	...	...	...	...	...	1	...	...	1

Industry.	Cuttack.	Puri.	Balasore.	Sambalpur.	Hazaribagh.	Ranchi.	Palamau.	Manbhum.	Singhbhum.	Perennial Total.	Seasonal Total.	Grand Total.	Total for 1933.	Total for 1932.
1	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.—GOVERNMENT AND LOCAL FUND FACTORIES.														
(a) PERENNIAL.														
Cotton Mills	...	...	...	...	...	...	...	...	...	1	...	1	1	1
Electrical Engineering	...	...	...	...	...	...	...	1	...	4	...	4	4	4
Engineering (General)	2	...	...	...	1	1	...	...	...	7	...	7	7	7
Foundries	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Printing Presses	...	...	...	...	...	...	...	...	...	3	...	3	3	3
Railway Workshops	...	...	...	...	1	...	...	2	1	10	...	10	9	8
Water pumping stations	...	...	...	...	...	...	...	...	...	2	...	2	2	2
Woollen Mills	...	...	...	...	...	...	...	...	...	1	...	1	1	1
Match Factory	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	1	...	...	...	...	1	...	1	1	1
Total	2	...	...	...	3	1	...	3	1	29	...	29	28	27
(b) Seasonal	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2	...	...	...	3	1	...	3	1	29	...	29	28	27
2.—ALL OTHER FACTORIES.														
(a) PERENNIAL.														
Textile:—														
Jute Spinning and Weaving	...	...	...	...	...	...	...	...	...	2	...	2	2	2
Hosiery	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...	...	2	...	2	2	2
ENGINEERING.														
Coach building and motor car repairing.	...	...	...	...	...	...	...	...	...	1	...	1	2	2
Electrical Engineering	...	...	...	...	...	...	...	1	1	2	...	2	2	2
Electrical generating and transforming stations.	...	...	...	...	...	...	...	1	...	1	...	1	1	3
General Engineering	...	...	1	...	...	...	...	7	4	14	...	14	14	15
Railway Workshops	...	1	...	1	...	...	...	4	2	15	...	15	14	14
Shipbuilding and Engineering	...	...	...	...	...	...	...	...	...	1	...	1	1	1
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	1	1	1	...	...	...	13	7	34	...	34	34	36
MINERALS AND METALS.														
Copper smelting	...	...	...	...	...	...	...	...	1	1	...	1	1	1
Foundries	...	...	...	...	...	...	...	...	1	4	...	4	4	4
Iron and Steel smelting and steel rolling Mills.	...	...	...	...	...	...	...	1	2	3	...	3	3	3
Mica Factory	...	...	...	...	1	...	...	...	...	1	...	1	1	1
Miscellaneous	...	...	...	...	1	...	...	...	...	2	...	2	2	2
Total	...	...	...	...	2	...	...	1	4	11	...	11	11	11

TABLE NO. II—*contd.*

Industry.	Patna.	Gaya.	Shahabad.	Saran.	Champaran.	Muzaffarpur.	Darbhanga.	Bhagalpur.	Monghyr.	Purnea.	Santal Parganas.
1	2	3	4	5	6	7	8	9	10	11	12
FOOD, DRINK AND TOBACCO.											
Bakeries, biscuits and confectionery.	...	...	...	1	...	...	...	...	...	...	...
Breweries and Distilleries ...	...	1	...	1	...	...	...	1	1	...	...
Flour Mills	1[1]	...	...	...	...	...	...	1	...	1	...
Ice and Aerated Water ...	1	...	...	...	...	...	...	...	...	...	...
Rice Mills	4	1+1[3]	2[5]	...	5+2[7]	4	15+2[8]	6+2[10]	...	3+1[12]	5
Dal Mills	1	...	...	...	...	...	...	...	2	...	...
Tobacco	...	...	...	...	...	...	...	...	1	...	...
Water pumping stations ...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
Total ...	7	3	2	2	7	4	17	10	4	5	5
CHEMICALS, DYES, ETC.											
Chemicals	...	...	...	...	...	...	...	...	...	...	...
Lac	...	...	...	...	...	...	...	...	...	...	1
Matches	...	...	...	...	...	...	...	...	...	...	...
Oil Mills	5[2]	2[4]	2[6]	1	...	...	1[9]	2+1[11]	1	1	5
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
Total ...	5	2	2	1	...	...	1	3	1	1	6
PAPER AND PRINTING.											
Printing, Book-binding, etc.	6	...	...	...	...	...	...	...	1	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
Total ...	6	...	...	...	...	...	...	...	1	...	...

Industry.	Cuttack.	Puri.	Balasore.	Sambalpur.	Hazaribagh.	Ranchi.	Palamau.	Manbhum.	Singhbhum.	Perennial Total.	Seasonal Total.	Grand Total.	Total for 1933.	Total for 1932.
1	13	14	15	16	17	18	19	20	21	22	23	24	25	26
FOOD, DRINK AND TOBACCO.														
Bakeries, biscuits and confectionery.	...	...	...	...	...	...	...	...	...	1	...	1	1	1
Breweries and Distilleries ...	...	...	...	...	...	1	...	...	...	5	...	5	5	5
Flour Mills	...	...	...	...	...	1	...	...	...	4	...	4	3	4
Ice and Aerated Water ...	1	...	1[15]	...	...	...	...	...	...	3	...	3	3	3
Rice Mills	1+1[13]	2	17+1[16]	...	...	...	...	3[18]	5+1[19]	84	...	84	83	82
Dal Mills	...	...	...	...	...	...	...	...	...	3	...	3	3	3
Tobacco	...	...	...	...	...	...	...	...	...	1	...	1	1	1
Water pumping stations ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	3	2	19	...	...	2	...	3	6	101	...	101	99	99
CHEMICALS, DYES, ETC.														
Chemicals	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lac	...	...	...	...	...	3	...	10	1	15	...	15	15	15
Matches	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oil Mills	1[14]	...	...	...	...	1[17]	...	3	1	27	...	27	29	29
Miscellaneous	...	...	...	...	...	...	...	5	2	7	...	7	7	7
Total ...	1	...	...	...	...	4	...	18	4	49	...	49	51	51
PAPER AND PRINTING.														
Printing, Book-binding, etc.	6	...	...	...	...	...	...	...	1	14	...	14	13	10
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	6	...	...	...	...	...	...	...	1	14	...	14	13	10

TABLE NO. II—*concld.*

Industry.	Patna.	Gaya.	Shahabad.	Saran.	Champaran.	Muzaffarpur.	Darbhanga.	Bhagalpur.	Monghyr.	Purnea.	Santal Parganas.	Cuttack.	Puri.	Balasore.	Sambalpur.	Hazaribagh.	Ranchi.	Palamau.	Manbhum.	Singhbhum.	Perennial Total.	Seasonal Total.	Grand Total.	Total for 1933.	Total for 1932.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
PROCESSES RELATING TO WOOD, STONE AND GLASS.																									
Brick and Tiles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	5	...	5	5	5
Cement, Lime and Potteries ...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	...	...	3	...	3	3	3
Saw-mills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	1
Stone dressing	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	1	1
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	1	5	1	10	...	10	9	10
PROCESSES CONNECTED WITH SKINS AND HIDES.																									
Tanneries	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Total ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
(b) SEASONAL FOOD, DRINK AND TOBACCO.																									
Sugar	1	1	3	11	8	3	9	3	...	2	...	...	...	...	...	...	...	...	...	...	...	41	41	29	18
Tea	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	3	...	...	...	...	7	7	6	5
Tobacco Leaf conditioning ...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	4	4
Total ...	1	1	3	11	8	3	13	3	...	6	...	...	...	...	...	...	3	...	...	...	...	52	52	39	27
CHEMICALS, DYES, ETC.																									
Indigo	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	3	8
Total ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	3	8
GINS AND PRESSES.																									
Cotton Ginning and baling ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jute Presses	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1
Total ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1
GRAND TOTAL ...	28	9	10	16	15	14	36	19	13	15	13	12	3	20	1	5	10	1	43	24	250	57	307	280	283

NOTE.—Factories having more than one kind of product are indicated in the foregoing tables by small figures placed above, which refer to this footnote. The products of these factories are:—

1.	Chief products—Flour.	Secondary—Oil, Rice, Dal etc.
2, 6, 9, 11 & 14.	" " Oil.	" Rice, Flour, or Dal.
3, 12, 13, 16 & 19.	" " Rice.	" Oil.
4.	" " Oil.	" Rice and Foundry.
5, 7 & 18.	" " Rice.	" Oil, Flour or Dal.
8.	" " Rice.	" Oil or Ice.
10.	" " Rice.	" Oil and Dal.
15.	" " Ice.	" Rice.
17.	" " Oil.	" Flour.

TABLE NO. III.

(STATEMENT NO. III AS PRESCRIBED BY THE GOVERNMENT OF INDIA.)

AVERAGE DAILY NUMBER OF PERSONS EMPLOYED BY DIFFERENT INDUSTRIES.

Industry	Patna.	Gaya.	Shahabad.	Saran.	Champaran.	Muzaffarpur.	Darbhanga.	Bhagalpur.	Monghyr.	Purnea.
1	2	3	4	5	6	7	8	9	10	11
1.—GOVERNMENT AND LOCAL FUND FACTORIES.										
(a) Perennial.										
Cotton Mills	...	...	826	...	...	...	...	...	...	...
Electrical Engineering	...	50	...	...	...	...	48	...	473	...
Engineering (General)	120	...	100	...	...	120	...	...	...	...
Foundries	...	...	...	...	...	...	...	...	...	...
Printing Presses	505	304	...	...	...	...	...	...	...	...
Railway Workshops	96	120	...	...	...	...	...	...	7,112	...
Water pumping stations	...	...	...	...	...	20	...	15	...	...
Woollen Mills	...	...	...	...	...	...	...	696	...	...
Match Factory	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...
Total	721	474	926	...	...	140	48	711	7,585	...
(b) Seasonal	...	...	...	...	...	...	...	...	..	...
Total	721	474	926	...	...	140	48	711	7,585	..
2.—ALL OTHER FACTORIES.										
(a) Perennial.										
TEXTILE.										
Jute Spinning and Weaving	...	...	...	...	...	...	914	...	...	1,560
Hosiery	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	914	...	...	1,560
ENGINEERING.										
Coach-building and motor car repairing	...	...	...	...	...	30	...	...	...	...
Electrical Engineering	...	...	...	...	...	...	...	...	...	...
Electrical generating and transforming stations.	...	...	...	...	...	...	...	...	...	...
General Engineering	...	...	...	308	...	91	...	...	...	...
Railway Workshops	64	...	50	149	...	30	450	...	450	63
Shipbuilding and Engineering	331	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...
Total	395	...	50	457	...	151	450	...	450	63
MINERALS AND METALS.										
Copper Smelting	...	...	...	...	...	...	...	...	...	...
Foundries	157	...	...	...	...	...	...	...	...	...
Iron and Steel Smelting and Steel rolling Mills.	...	...	...	...	...	...	...	...	...	...
Mica Factory	...	...	...	...	...	...	...	35	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...
Total	157	...	...	...	...	...	...	...	...	...

Industry	Santal Parganas.	Cuttack.	Puri.	Balasore.	Sambalpur.	Hazaribagh.	Ranchi.	Palamau.	Manbhum.	Singhbhum.	Perennial Total.	Seasonal Total.	Grand Total.	Total for 1933.	Total for 1932.
1	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.—GOVERNMENT AND LOCAL FUND FACTORIES.															
(a) Perennial.															
Cotton Mills	...	...	...	...	...	...	...	...	...	...	826	...	826	720	653
Electrical Engineering	...	...	...	...	...	...	...	...	51	...	622	...	622	634	678
Engineering (General)	...	184	...	...	...	221	183	...	...	...	928	...	928	879	886
Foundries	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Printing Presses	...	...	...	...	...	...	...	...	...	...	809	...	809	818	819
Railway Workshops	...	...	...	...	...	485	...	...	295	80	8,188	...	8,188	8,796	8,878
Water pumping stations	...	...	...	...	...	...	...	...	...	...	35	...	35	40	60
Woollen Mills	...	...	...	...	...	...	...	...	...	...	696	...	696	842	700
Match Factory	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	154	...	...	...	...	154	...	154	156	167
Total	...	181	...	...	...	860	183	...	346	80	12,258	...	12,258	12,885	12,841
(b) Seasonal	...	...	...	...	...	...	...	...		...	...	...	...	...	...
Total	...	184	...	...	...	860	183	...	346	80	12,258	...	12,258	12,885	12,841
2.—ALL OTHER FACTORIES.															
(a) Perennial.															
TEXTILE.															
Jute Spinning and Weaving	...	...	...	...	...	...	...	...	...	...	2,474	...	2,474	3,142	1,696
Hosiery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...	...	...	2,474	...	2,474	2,142	1,696
ENGINEERING.															
Coach-building and motor car repairing	...	...	...	...	...	...	...	...	...	...	30	...	30	43	55
Electrical Engineering	...	...	...	...	...	...	...	...	149	462	611	...	611	543	531
Electrical generating and transforming stations.	...	...	...	...	...	...	...	...	67	...	67	...	67	67	91
General Engineering	...	...	...	75	...	...	...	...	1,230	1,469	3,173	...	3,173	2,188	1,563
Railway Workshops	...	...	267	...	199	...	...	...	1,012	742	3,476	...	3,476	3,318	3,189
Shipbuilding and Engineering	...	...	...	...	...	...	...	...	...	...	331	...	331	331	345
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	267	75	199	...	...	...	2,458	2,673	7,688	...	[illegible]	[illegible]	[illegible]
MINERALS AND METALS.															
Copper Smelting															
Foundries															
Iron and Steel Smelting and Steel rolling Mills.															
Mica Factory															
Miscellaneous															
Total															

TABLE NO. III—*contd.*

Industry.	Patna.	Gaya.	Shahabad.	Saran.	Champaran.	Muzaffarpur.	Darbhanga.	Bhagalpur.	Monghyr.	Purnea.	Santal Parganas.	Cuttack.	Puri.	Balasore.	Sambalpur.	Hazaribagh.	Ranchi.	Palamau.	Manbhum.	Singhbhum.	Perennial Total.	Seasonal Total.	Grand Total.	Total for 1933.	Total for 1932.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
FOOD, DRINK AND TOBACCO.																									
Bakeries, biscuit and confectionery ...	...	...	...	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	72	...	73	69	77
Breweries and Distilleries	...	15	...	70	...	...	...	34	32	...	...	...	...	...	...	...	64	...	...	...	224	...	224	215	192
Flour Mills	278	...	...	...	...	...	...	43	...	73	...	...	...	...	...	...	17	...	...	...	411	...	411	312	297
Ice and Aerated Water	15	...	...	...	...	...	...	...	...	...	..	50	...	34	...	...	...	...	...	...	99	...	99	110	68
Rice Mills	144	111	43	...	527	120	916	575	...	296	103	67	60	829	...	...	...	...	127	273	4,101	...	4,191	4,178	4,308
Dal Mills	20	...	...	...	...	...	...	...	64	...	...	...	...	...	...	...	...	...	...	...	84	...	84	89	89
Tobacco manufacturing	...	...	...	...	...	...	...	...	1,363	...	...	...	...	...	...	...	...	...	...	...	1,363	...	1,363	3,114	2,498
Water pumping stations	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	457	126	43	151	527	120	916	652	1,459	369	103	117	60	863	...	...	81	...	127	273	6,441	...	6,444	8,087	7,529
CHEMICALS, DYES, ETC.																									
Chemicals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lac	...	...	...	...	...	...	...	...	...	...	136	...	...	...	...	...	295	...	1,028	11	1,470	...	1,470	1,213	1,221
Matches	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oil Mills	307	102	52	12	...	...	30	103	56	80	485	32	...	...	...	...	41	...	130	23	1,462	...	1,462	1,600	1,642
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,439	119	1,558	...	1,558	1,349	1,278
Total ...	307	102	52	12	...	...	30	103	56	80	621	32	...	...	...	...	336	...	2,597	153	4,490	...	4,490	4,162	4,141
PAPER AND PRINTING.																									
Printing, Book-binding, etc. ...	408	...	...	...	...	...	...	...	170	...	...	245	...	...	...	...	...	...	...	32	855	...	855	866	691
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	408	...	...	...	...	...	...	...	170	...	...	245	...	...	...	...	...	...	...	32	855	...	855	866	691
PROCESSES RELATING TO WOOD, STONE AND GLASS.																									
Brick and Tiles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,310	...	2,310	...	2,310	2,018	1,565
Cement, Lime and Potteries ...	...	...	...	...	...	...	...	...	35	...	...	...	...	...	...	...	...	703	...	...	738	...	738	404	[illegible]
Saw-mills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	11	...	11	[illegible]	[illegible]
Stone dressing	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...	...	...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total ...	...	...	...	...	...	...	...	...	35	...	12	...	...	...	...	...	...	...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE No. III—*concld.*

Industry.	Patna.	Gaya.	Shahabad.	Saran.	Champaran.	Muzaffarpur.	Darbhanga.	Bhagalpur.	Monghyr.	Purnea.
1	2	3	4	5	6	7	8	9	10	11
PROCESSES CONNECTED WITH SKINS AND HIDES.										
Tanneries	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	...
(b) Seasonal										
FOOD, DRINK AND TOBACCO.										
Sugar	949	284	1,059	4,531	4,111	1,289	3,443	447	...	657
Tea	...	...	...	...	...	...	...	...	...	138
Tobacco leaf conditioning	...	...	...	...	...	...	165	...	...	...
Total ...	949	284	1,059	4,531	4,111	1,289	3,608	447	...	795
CHEMICALS, DYES, ETC.										
Indigo	...	...	...	...	...	84	122	...	...	...
Total ...	...	...	...	...	...	84	122	...	...	...
GINS AND PRESSES.										
Cotton ginning and baling ...	...	...	...	...	...	...	...	...	...	...
Jute presses	...	...	...	...	...	...	...	...	...	35
Miscellaneous	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	35
Grand Total ...	3,394	983	2,130	5,151	4,638	1,784	6,097	1,948	9,755	2,902

Industry.	Santal Parganas.	Cuttack.	Puri.	Balasore.	Sambalpur.	Hazaribagh.	Ranchi.	Palamau.	Manbhum.	Singhbhum.	Perennial Total.	Seasonal Total.	Grand Total.	Total for 1933.	Total for 1932.
1	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
PROCESSES CONNECTED WITH SKINS AND HIDES.															
Tanneries	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	33
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	33
(b) Seasonal															
FOOD, DRINK AND TOBACCO.															
Sugar	...	...	...	...	...	...	...	...	...	...	...	16,770	16,770	15,524	[illegible]
Tea	...	...	...	...	...	...	161	...	...	...	...	299	299	207	210
Tobacco leaf conditioning	...	...	...	...	...	...	...	...	...	...	...	165	165	80	80
Total	...	...	...	...	...	...	161	...	...	...	...	17,234	17,234	15,811	9,183
CHEMICALS, DYES, ETC.															
Indigo	...	...	...	...	...	...	...	...	...	...	...	206	206	141	400
Total	...	...	...	...	...	...	...	...	...	...	...	206	206	141	400
GINS AND PRESSES.															
Cotton ginning and baling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jute presses	...	...	...	...	...	...	...	...	...	...	...	35	35	...	40
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...	...	...	...	35	35	...	40
Grand Total	816	578	327	938	199	1,230	761	703	8,304	25,574	60,749	17,475	78,224	72,254	65,515

TABLE NO. IV.

(STATEMENT NO. IV AS PRESCRIBED BY THE GOVERNMENT OF INDIA.)

AVERAGE DAILY NUMBER OF PERSONS EMPLOYED.

—	Perennial Total.	Seasonal Total.	Provincial Total.	Total for 1933.	Total for 1932.	Remarks.
1	2	3	4	5	6	7
ADULTS.						
Males	55,142	17,288	72,430	66,998	60,437	
Females	5,393	147	5,540	5,032	4,840	
Total ...	60,535	17,435	77,970	72,020	65,277	
CHILDREN.						
Males	210	17	227	205	223	
Females	4	23	27	29	15	
Total ...	214	40	254	234	238	
Total average daily number	60,749	17,475	78,224	72,254	65,515	
COTTON SPINNING AND WEAVING MILLS.						
ADULTS.						
Males	826	...	826	720	653	
Females	...	...	...	...	...	
Total ...	826	...	826	720	653	
CHILDREN.						
Males	...	...	...	...	...	
Females	...	...	...	...	...	
Total ...	...	...	...	...	...	
Total average daily number	826	...	826	720	653	
JUTE SPINNING AND WEAVING MILLS.						
ADULTS.						
Males	2,424	...	2,424	2,092	1,647	
Females	50	...	50	50	32	
Total ...	2,474	...	2,474	2,142	1,679	
CHILDREN.						
Males	...	...	...	...	...	
Females	...	...	...	...	...	
Total ...	...	...	...	...	17	
Total average daily number	2,474	...	2,474	2,142	1,696	

TABLE NO. V.

(STATEMENT NO. V AS PRESCRIBED BY THE GOVERNMENT OF INDIA.)

INTERVALS, HOLIDAYS AND HOURS.

—	Number of Factories.																			
	Total.	In which intervals are granted under—			In which holidays are granted on—		In which normal weekly hours are—								Exempted from section 24(a).	In which majority of operatives are exempted from—				
							For men.			For women.			For children.							
		Section 21 (1) (a) (i).	Section 21 (1) (a) (ii).	Proviso to section 21(1) (a).	Sundays only.	Week days and Sundays.	Not above 48.	Above 48 and not above 54.	Above 54.	Not above 48.	Above 48 and not above 54.	Above 54.	Not above 30.	Above 30.		Section 21.	Section 22.	Section 26.	Section 27.	Section 28.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Perennial Total ...	250	191	...	2	52	85	102	45	103	73	31	48	3	15	...	57	113	...	...	86
Seasonal Total ...	57	5	...	...	...	...	10	6	41	7	...	1	1	...	...	52	57	7	...	41
Provincial Total ...	307	196	...	2	52	85	112	51	144	80	31	49	3	15	...	109	170	7	...	127
Total for 1933 ...	289	190	...	2	58	77	118	44	127	74	30	52	3	10	...	97	154	6	...	105
Total for 1933 ...	283	185	...	2	59	73	111	41	131	72	27	51	4	16	...	93	151	5	1	108

TABLE NO. VI.

(STATEMENT NO. VI AS PRESCRIBED BY THE GOVERNMENT OF INDIA.)

ACCIDENTS.

—	Fatal.	Serious.	Minor.	Total.	Remarks.
1	2	3	4	5	6
Perennial Total ...	17	533	1,765	2,315	
Seasonal Total ...	16	51	99	166	
Provincial Total ...	33	584	1,864	2,481	
Total for 1933 ...	23	391	1,567	1,981	
Total for 1932 ...	20	329	1,465	1,814	

TABLE NO. VII.

(STATEMENT NO. VII AS PRESCRIBED BY THE GOVERNMENT OF INDIA.)

Convictions under the Indian Factories Act during 1934.

	Offences relating to—																																								
	Employment and hours of work.																Notices, Registers and Returns.				Safety								Health and sanitation (including welfare).						Others.						
	General.							Women.					Children.																												
	Section 21.	Section 23.	Section 24.	Section 25.	Section 27.	Section 28.	Section 31.	Section 22.	Section 24.	Section 25.	Section 27.	Section 28.	Section 19.	Section 20.	Section 23.	Section 26.	Section 33.	Section 34.	Section 35.	Section 36.	Section 15.	Section 16.	Section 17.	Section 18.	Section 18A.	Section 19.	Section 20.	Section 11.	Section 19B.	Section 9.	Section 10.	Section 12.	Section 13.	Section 14.	Section 7.	Section 8.	Section 31.	Section 43 (b) and (c).	...	Total.	Remarks.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...
tal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	[4]
r 1933	...	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	4	...	...	...	4	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	21	[9]
r 1932	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	7	9	...	...	...	5	2	...	...	...	...	...	...	...	...	...	...	...	...	4	...	30	[16]

NOTE.—Figures in square brackets show the number of persons convicted.

TABLE NO. VIII.

(STATEMENT NO. VIII AS PRESCRIBED BY THE GOVERNMENT OF INDIA.)

INSPECTIONS.

——	Number of factories inspected during the year.				Total.	Not inspected.	Grand Total.	Remarks.
	Once.	Twice.	Thrice.	More than 3 times.				
1	2	3	4	5	6	7	8	9
Perennial Total ...	174	27	6	10	217	33	250	
Seasonal Total ...	46	3	1	...	50	7	57	
Provincial Total...	220	30	7	10	267	40	307	
Total for 1933 ...	209	44	13	8	274	15	289	
Total for 1932 ...	213	50	15	3	281	2	283	

The total number of inspections of all classes of factories during the year was 404.

TABLE IX.

CLASSIFICATION OF ACCIDENTS FOR THE YEAR 1934.

Causing Agent.	Number of accidents.	Perennial Total.	Seasonal Total.	Grand Total.
I. MACHINERY :—				
A. Prime movers	5	2	3	[illegible]
B. Transmission—				
(1) Mill gearing, shafts and pulleys.	4	6	5	11
(2) Belts	7			
C. Lifting machinery	42	38	4	42
D. Working machinery—				
(1) Jute machinery	...	87	36	1[illegible]
(2) Cotton machinery ...	...			
(3) Woollen machinery ...	1			
(4) Sugar machinery	34			
(5) Metal production, etc. ...	16			
(6) Engineering	3			
(7) Machine tools	61			
(8) Unclassified	8			
II. TRANSPORT :—				
A. Rolling stock on lines ...	57	41	20	
B. Rolling stock not on lines ...	4			
III. PERSONS FALLING :—				
A. From altitudes	58	239	20	
B. Into pits, excavation, etc. ...	20			
C. On the level	181			

TABLE IX—*concld.*

Causing Agent.	Number of accidents.	Perennial Total.	Seasonal Total.	Grand Total.
IV. FALLING OBJECTS :—				
A. Handled by the injured person	601	742	28	770
B. Not handled by the injured person	169			
V. HAND TOOLS :—				
A. In the hands of injured person...	121	141	8	149
B. In the hands of other person ...	28			
VI ELECTRICITY	29	29	—	29
VII. POISONS, CORROSIVE SUBSTANCES AND OCCUPATIONAL DISEASES.	68	67	1	68
VIII. EXPLOSIONS AND FIRES :—				
A. Boilers and steam pressure equipment.	...	268	23	291
B. Explosives	...			
C. Other explosions	13			
D. Fires	1			
E. Hot substances and flames ...	277			
IX. MISCELLANEOUS :—				
A. Heat prostration	19	655	18	673
B. Violence	1			
C. Miscellaneous	653			
Total ...	...	2,315	166	2,481

TABLE X.

WAGES RETURN (1934).

Occupation.	Mean daily wages at— Jamshedpur.	Jamalpur.	Jharia coalfields.	Patna.	Darbhanga.	Ranchi.	Cuttack.	Bihar and Orissa.	Bihar and Orissa 1933.	Bihar and Orissa 1932.
1	2	3	4	5	6	7	8	9	10	11
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. SUPERVISION OF LABOUR.										
Chargemen in charge of skilled labour.	5 8 0	5 0 0	4 5 6	3 4 0	3 0 0	1 15 0	2 0 0	4 10 0	4 10 0	4 8 6
Chargemen in charge of unskilled labour.	2 7 0	2 13 0	1 15 0	1 10 0	1 3 6	1 0 0	0 12 0	2 0 0	2 0 0	1 14 0
2. SKILLED AND SEMI-SKILLED LABOUR.										
Blacksmith ...	1 10 0	1 12 0	1 3 0	0 14 0	1 0 0	0 12 6	1 1 0	1 2 6	1 5 0	1 2 0
Bricklayer or mason	1 6 0	1 7 0	1 2 0	0 15 6	0 13 0	0 12 0	0 15 0	1 2 6	1 4 0	1 4 0
Carpenter ...	1 6 0	1 7 6	1 0 6	1 0 0	0 12 6	0 11 0	0 15 0	1 2 0	1 2 0	1 0 0
Compositor ...	0 15 0	...	...	0 13 0	...	...	0 10 0	0 13 0	0 13 6	0 13 0
Electrician ...	2 4 0	...	2 0 0	1 6 0	1 11 0	...	...	2 0 0	2 0 0	2 0 0
Engine driver—stationary.	1 8 0	1 6 0	1 1 0	1 3 0	1 1 0	0 11 0	1 0 0	1 6 6	1 6 6	1 4 0
Engine driver—Locomotive.	2 8 0	2 8 0	...	...	1 0 0	...	...	3 2 0	2 2 0	3 2 0
Fireman (steam boiler).	1 2 0	1 3 0	0 11 0	0 11 0	0 9 0	0 10 6	0 8 0	0 15 0	0 15 0	0 13 0
Fitter	1 8 0	1 8 0	1 3 0	1 3 0	0 15 0	1 10 0	1 1 0	1 4 0	1 4 0	1 4 0
Greaser ...	0 13 0	0 11 0	0 9 0	0 10 0	0 9 0	0 5 0	0 8 0	0 11 0	0 11 0	0 11 0
Moulder ...	1 3 0	1 10 0	1 1 0	1 3 0	1 3 0	0 15 0	1 2 0	1 4 0	1 4 0	1 4 0
Pattern maker ...	2 4 0	1 12 0	1 0 0	1 4 0	0 15 0	...	1 5 0	1 10 0	1 7 0	1 6 0
Turner... ...	1 14 0	1 11 0	1 5 0	1 2 0	1 1 0	...	1 3 0	1 8 0	1 8 0	1 8 0
OIL MILL WORKERS.										
Gachua ...	...	...	...	0 11 0	0 11 0	...	0 9 0	0 13 0	0 13 0	0 14 0
RICE MILL WORKERS.										
Rice Mill attendant	...	...	...	0 12 0	0 12 0	...	1 0 0	0 14 0	0 14 0	0 14 0
Rice Huller ...	...	...	...	0 10 0	0 11 0	...	...	0 8 0	0 8 0	0 11 0
LAC WORKERS.										
Melter ...	...	...	...	...	...	0 10 0	...	0 10 0	0 10 0	0 11 0
Stretcher ...	...	...	...	...	...	0 10 0	...	0 9 0	0 9 0	0 9 0
Turner ...	...	...	...	...	...	0 10 0	...	0 10 0	0 10 0	0 10 0
MICA WORKERS.										
Sorter ...	...	...	...	...	...	...	...	0 6 0	0 6 0	0 6 0
Splitter ...	...	...	...	...	...	...	...	0 6 0	0 6 0	0 6 0
TEXTILE WORKERS.										
Spinner ...	...	...	...	...	1 0 0	...	...	0 13 0	0 13 0	0 13 0
Weaver ...	...	...	...	...	1 8 0	...	...	1 5 0	1 5 0	1 5 0
Winder ...	...	...	...	...	1 4 0	...	...	1 0 0	1 0 0	1 0 0
Sewer ...	...	...	...	...	1 4 0	...	...	1 4 0	1 4 0	1 8 0
3. UNSKILLED LABOUR.										
Male cooly ...	0 8 0	0 7 6	0 7 6	0 7 0	0 5 0	0 5 0	0 6 0	0 6 0	0 6 0	0 6 6
Female cooly ...	0 5 0	0 5 0	0 4 6	0 4 0	0 3 6	0 3 6	0 4 0	0 5 0	0 5 0	0 5 0
Child cooly ...	...	...	...	0 3 0	0 3 0	0 2 0	0 3 0	0 3 0	0 3 0	0 3 6

NOTE.—Each figure is the mean of the highest and lowest wages ascertained for each trade in each of the scheduled areas. The means for Bihar and Orissa as a whole are from figures from the whole province, not merely from the areas scheduled.

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